



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App No. : 10/567,178
Applicant (s) : Erlind M. Thorsteinson, et al.
Filed : February 3, 2006
TC/A.U. : 1754
Examiner : Cam N. Nguyen
Title : IMPROVED ALUMINA CARRIERS AND SILVER-BASED
CATALYSTS FOR THE PRODUCTION OF ALKYLENE
OXIDES

Docket No. : 62562A
Customer No. : 35503

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS
FIRST CLASS MAIL, WITH SUFFICIENT POSTAGE IN AN ENVELOPE
ADDRESSED TO: COMMISSIONER OF PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, ON:

April 13, 2007

DATE OF DEPOSIT

Angela Brooks

PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE

SIGNATURE OF PERSON SIGNING CERTIFICATE

DATE OF SIGNATURE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

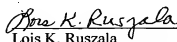
Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the
Examiner's attention is directed to the information identified in the attached Form
PTO/SB/08a.

Applicants are aware of pending applications, Serial No. 11/154,184 filed on
June 16, 2005 (published as US-2006-0014971), Serial No. 11/154/143 and
PCT/US05/21356, filed on June 16, 2005 (published as US 2006-0009647 and
WO06/028544, respectively) from which Applicants have copied and/or substantially
copied claims. Applicants have included in this Information Disclosure Statement
submitting the references cited in the prosecution of these US applications and their
corresponding PCT counterparts unless the references were previously submitted by
Applicants.

Appl. No. 10/567,178
4/13/2007

The cited U.S. patents and patent application publications are listed on Form PTO/SB/08a. A copy of the cited foreign patent documents and non-patent literature are enclosed herewith. The Examiner is requested to review each reference and formulate his/her own understanding thereof.

Respectfully submitted,



Lois K. Ruszala
Registration No. 39,074
Phone: 989-636-1556

P. O. Box 1967
Midland, MI 48641-1967

LKR/ab

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/567,178
Filing Date	February 3, 2006
First Named Inventor	Erlind M. Thorsteinson, et al.
Art Unit	1754
Examiner Name	Cam N. Nguyen
Attorney Docket Number	62562A

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number-Kind Code² (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/J.M./		US-3950507	04/13/1976	Kuklina et al.	
		US-4379134	04/05/1983	Weber et al.	
		US-4761394	08/02/1988	Lauritzen	
		US-4766105	08/23/1988	Lauritzen	
		US-4845296	04/04/1989	Ahmed et al.	
		US-5380697	01/10/1995	Matusz et al.	
		US-5739075	04/14/1998	Matusz	
		US-6368998	04/09/2002	Lockemeyer	
		US-5015614	05/1991	Baird, Jr., et al.	
		US-3808153	02/1972	Chomitz et al.	
		US-4477427	10/1984	Matyasi et al.	
		US-4731350	03/1988	Boxhoorn et al.	
		US-4742034	05/1988	Boxhoorn et al.	
		US-4822900	04/1989	Hayden	
		US-4908343	03/1990	Bhasin	
		US-4994588	02/1991	Kapicak et al.	
		US-4829044	05/1989	Boxhom et al.	
		US-5612267	03/1997	Bachelard et al.	
		US-4994589	02/1991	Notermann	
		US-5051395	09/1991	Mitchell et al.	
		US-5063195	11/1991	Jin et al.	
		US-5187140	02/1993	Thorsteinson et al.	
		US-5538709	07/1996	Mohri et al.	
		US-5780656	07/1998	Rizkalla et al.	
		US-6203773	03/2001	Easley et al.	
		US-6667270	12/2003	Tanev	
		US-20010046943	11/2001	Cheung et al.	
		US-5248557	09/1993	Jacobson	
		US-2177361	10/1939	Carter	
		US-2209908	07/1940	Weiss	
		US-5312267	03/1997	Bachelard et al.	
		US-5504053	04/02/1996	Chou et al.	
		US-5057481	10/15/1991	Bhasin	
		US-4994587	02/1991	Notermann et al.	
		US-4318896	03/1982	Schonover	

Examiner Signature	/Joseph Micali/	/J.M./	Date Considered	09/24/2008
--------------------	-----------------	--------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 9009. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡See Kinds Codes of USPTO Patent Documents at 35 U.S.C. 100.04. §Enter Office that issued the document, by the two letter code (WIPO Standard ST 3). ¶From Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ¶¶Ind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 10 if possible. **Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9198 (1-800-786-9198) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M.

Receipt date: 04/17/2007

10567178 CAU4483

Approved for use through 7/31/2006. PTO Form 4483

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	3	Application Number	10/567,178
				Filing Date	February 3, 2006
				First Names Inventor	Erlind M. Thorsteinson, et al.
				Art Unit	1754
				Examiner Name	Cam N. Nguyen
				Attorney Docket Number	62562A

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.1	Document Number Country Code ⁵ - Number-Kind Code ⁵ (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/J.M./		EP-0266015	05/04/1988			<input type="checkbox"/>
		EP-0352850	01/31/1990			<input type="checkbox"/>
		WO-00/15333	03/23/2000			<input type="checkbox"/>
		WO-00/15334	03/23/2000			<input type="checkbox"/>
		WO-90/15777	12/27/1990			<input type="checkbox"/>
		WO-96/21619	07/18/1996			<input type="checkbox"/>
		EP-0327356 B1	08/09/1989			<input type="checkbox"/>
		EP-0429548 B1	06/05/1991			<input type="checkbox"/>
		EP-0679611 A1	11/02/1995			<input type="checkbox"/>
		EP-0480537 A1	04/15/1992			<input type="checkbox"/>
		EP-0266852 A1	05/11/1988			<input type="checkbox"/>
		EP-0003642 B1	08/22/1979			<input type="checkbox"/>
		EP-0496470 A1	07/29/1992			<input type="checkbox"/>
		WO-2005/023418 A1	03/17/2005			<input type="checkbox"/>
		WO-2006/028544 A2	03/16/2006			<input type="checkbox"/>
		EP-0425020 A1	05/02/1991			<input type="checkbox"/>
		WO-00/15335	03/23/2000			<input type="checkbox"/>
		WO-2006/009756 A1	01/26/2006			<input type="checkbox"/>
		EP-0244895 B1	11/11/1987			<input type="checkbox"/>
		WO-01/19783 A1	03/22/2001			<input type="checkbox"/>
		EP-0352850 A1	01/31/1990			<input type="checkbox"/>
		WO-2006/028940 A2	03/16/2006			<input type="checkbox"/>
		WO-2006/091478 A1	08/31/2006			<input type="checkbox"/>

Examiner Signature	/Joseph Micali/	/J.M./	Date Considered	09/24/2008
--------------------	-----------------	--------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's serial citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴Form Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

Receipt date: 04/17/2007

10567178 P. 10567178-1

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Sheet	3	62562A	3
-------	---	--------	---

Application Number	10/567,178
Filing Date	February 3, 2006
First Named Inventor	Erlind M. Thorsteinson, et al.
Art Unit	1754
Examiner Name	Cam N. Nguyen
Attorney Docket Number	62562A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/J.M./		Journal of the American Chemical Society 60 (1938) pp. 309-316	<input type="checkbox"/>
/J.M./		Kirk-Othmer Encyclopedia of Chemical Technology, 3 rd Edition, Volume 9, 1980, pp.445-447.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	/Joseph Micali/	/J.M./	Date Considered	09/24/2008
--------------------	-----------------	--------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (option). ²Applicant is to place a check mark here in English language Translation is attached.

This collection of information is required 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-706-9199) and select option 2

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./